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1 Development of a monitor-compatible version of APL 1130

Joel D. Kirscher, Joel D. Hall

January 1974 **APL '74:** Proceedings of the sixth international conference on

Publisher: ACM

Full text available: 📄 Pdf (136.09 KB)   Additional Information: full citation, abstrac

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A relocatable version of APL 1130 has been developed that allows the A
Monitor disc. Access to APL is accomplished by executing a mainline pro
modifications allow APL users to bring up ...

2 Consistency maintenance in real-time collaborative graphics editing

Chengzheng Sun, David Chen

March 2002 **Transactions on Computer-Human Interaction (TOCHI)**

Publisher: ACM 📄 Request Permissions

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Real-time collaborative graphics editing systems allow a group of users
document at the same time from geographically dispersed sites connect
Consistency maintenance in the face of concurrent ...

Keywords: Collaborative graphics editors, GRACE, computer-supportec
maintenance, convergence, groupware, intention preservation, multiver

3 A formal framework for component deployment

Yu David Liu, Scott F. Smith

October 2006 **OOPSLA '06:** Proceedings of the 21st annual ACM SIGPLAN
programming systems, languages, and applications

Publisher: ACM 📄 Request Permissions

Full text available: 📄 Pdf (592.54 KB)   Additional Information: full citation, abstrac

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 121, Downl

Software deployment is a complex process, and industrial-strength fram
CORBA all provide explicit support for component deployment. However
around fundamental principles as much as they are ...

Keywords: component, deployment, version

Also published in:
October 2006 **SIGPLAN Notices** Volume 41 Issue 10

4 Safe component updates
Alexander Stuckenholz, Andre Osterloh
October 2006 **GPCE '06**: Proceedings of the 5th international conference or
            component engineering
Publisher: ACM ◆ Request Permissions
Full text available: 🗋 Pdf (383.09 KB)   Additional Information: full citation, abstrac

Bibliometrics: Downloads (6 Weeks): 5,   Downloads (12 Months): 51,   Downloa

Component updates always imply the risk of negatively influencing the (
Because of wrong combinations of component versions, dependencies m
longer exist, might be called or methods might not ...

Keywords: Boolean optimization, compatibility, component and system
software development, system synthesis, updates

5 Linear time 3-approximation for the MAST problem
Vincent Berry, Christophe Paul, Sylvain Guillemot, François Nicolas
March 2009 **Transactions on Algorithms (TALG)** , Volume 5 Issue 2
Publisher: ACM ◆ Request Permissions
Full text available: 🗋 Pdf (278.84 KB)   Additional Information: full citation, abstrac

Bibliometrics: Downloads (6 Weeks): 10,   Downloads (12 Months): 100,   Downl

Given a set of leaf-labeled trees with identical leaf sets, the well-known
(MAST) problem consists in finding a subtree homeomorphically include
largest number of leaves. MAST and its variant ...

Keywords: Approximation algorithm, maximum agreement subtree, m
phylogenetic tree

6 A general approach to backwards-compatible delivery of high dynam
Greg Ward
August 2008 **SIGGRAPH '08**: SIGGRAPH 2008 classes
Publisher: ACM ◆ Request Permissions
Full text available: 🗋 Pdf (2.54 MB)   Additional Information: full citation, abstrac

Bibliometrics: Downloads (6 Weeks): 19,   Downloads (12 Months): 85,   Downlo

We propose a general solution to the problem of decoding high dynamic
supplement to low dynamic range (LDR) images or video. Each LDR fran
HDR version, and these are compressed separately ...

7 Upgrading transport protocols using untrusted mobile code
Parveen Patel, Andrew Whitaker, David Wetherall, Jay Lepreau, Tim Stack
December 2003 **SOSP '03**: Proceedings of the nineteenth ACM symposium

Publisher: ACM ◈ Request Permissions
Full text available: 📄 Pdf (248.86 KB)   Additional Information: full citation, abstrac

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 51, Downloa

In this paper, we present STP, a system in which communicating end h(
remotely upgrade each other with the transport protocols that they use
protocols are written in a type-safe version of ...

Keywords: TCP-friendliness, deployment, implementation, transport pr

Also published in:
    December 2003 **SIGOPS Operating Systems Review** Volume 37 Issue 5

8 The design, implementation, and evaluation of a symmetric banded I
◈ memory parallel computers
Anshul Gupta, Fred G. Gustavson, Mahesh Joshi, Sivan Toledo
March 1998 **Transactions on Mathematical Software (TOMS)** , Volume 2
Publisher: ACM ◈ Request Permissions
Full text available: 📄 Pdf (213.58 KB)   Additional Information: full citation, abstrac

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 32, Downloa

This article describes the design, implementation, and evaluation of a p;
factorization of symmetric banded matrices. The algorithm is part of IBM
subroutine library version 1.2 and ...

Keywords: Banded matrices, Cholesky factorization, distributed memo

9 Implicit phasing for R6RS libraries
◈ Abdulaziz Ghuloum, R. Kent Dybvig
October 2007 **ICFP '07**: Proceedings of the 12th ACM SIGPLAN internationa
                programming
Publisher: ACM ◈ Request Permissions
Full text available: 📄 Pdf (255.60 KB)   Additional Information: full citation, abstrac

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 50, Downloa

The forthcoming Revised[6] Report on Scheme differs from previous repor
structured as a set of libraries. It also provides a syntax for defining nev
may export both ...

Keywords: binding phases, hygienic macros, libraries, macro expansio

Also published in:
    October 2007 **SIGPLAN Notices** Volume 42 Issue 9

10 Client-side caching for TLS
◈ Hovav Shacham, Dan Boneh, Eric Rescorla
November 2004 **Transactions on Information and System Security (TI

Publisher: ACM ◈ Request Permissions
Full text available: 📄 Pdf (182.01 KB)   Additional Information: full citation, abstrac

Bibliometrics: Downloads (6 Weeks): 14,   Downloads (12 Months): 89,   Downlo

We propose two new mechanisms for caching handshake information or
mechanism provides a client-side cache of a server's public parameters
course of an initial, enabling handshake. These parameters ...

Keywords: Bloom filters, TLS, session cache, wireless networks

11 BI as an assertion language for mutable data structures
◈ Samin S. Ishtiaq, Peter W. O'Hearn
January 2001 **POPL '01:** Proceedings of the 28th ACM SIGPLAN-SIGACT sy
programming languages
Publisher: ACM ◈ Request Permissions
Full text available: 📄 Pdf (288.07 KB)   Additional Information: full citation, abstrac

Bibliometrics: Downloads (6 Weeks): 7,   Downloads (12 Months): 52,   Downloa

Reynolds has developed a logic for reasoning about mutable data struct
postconditions are written in an intuitionistic logic enriched with a spatia
the approach from the point of view of ...

Also published in:
March 2001 **SIGPLAN Notices** Volume 36 Issue 3

12 Compatibility and Regression Testing of COTS-Component-Based S
Leonardo Mariani, Sofia Papagiannakis, Mauro Pezze
May 2007   **ICSE '07:** Proceedings of the 29th international conference on
Publisher: IEEE Computer Society
Full text available: 📄 Pdf (243.35 KB)   Additional Information: full citation, abstrac

Bibliometrics: Downloads (6 Weeks): 12,   Downloads (12 Months): 126,   Downl

Software engineers frequently update COTS components integrated in c
often chose among many candidates produced by different vendors. Thi
quickly identifying components that are syntactically ...

13 Resurrecting the applet paradigm
◈ Eric Roberts
March 2007 **SIGCSE '07:** Proceedings of the 38th SIGCSE technical sympo
Publisher: ACM ◈ Request Permissions
Full text available: 📄 Pdf (217.25 KB)   Additional Information: full citation, abstrac

Bibliometrics: Downloads (6 Weeks): 2,   Downloads (12 Months): 34,   Downloa

Since the introduction of Java in 1995, educators have recognized the p
educational resource. Sadly, the continuing evolution of Java has made
because it is so difficult to keep those applets ...

Keywords: Java, applet, teaching resources

Also published in:
  March 2007 **SIGCSE Bulletin** Volume 39 Issue 1

14 iDataGuard: middleware providing a secure network drive interface t
   Ravi Chandra Jammalamadaka, Roberto Gamboni, Sharad Mehrotra, Kent I
   Venkatasubramanian
   March 2008 **EDBT '08:** Proceedings of the 11th international conference on
           Advances in database technology
   Publisher: ACM
   Full text available: Pdf (277.18 KB)   Additional Information: full citation, abstrac

   Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 53, Downloa

        In this demonstration, we present the design and features of *iDataGuar*
        security middleware that allows users to outsource their file systems to
        providers available on the Internet. Examples ...

15 ERIC7: an experimental tool for Content-Based Image encoding and
   standard
   L. Gagnon, S. Foucher, V. Gouaillier
   January 2004 **WISICT '04:** Proceedings of the winter international symposi
              communication technologies
   Publisher: Trinity College Dublin
   Full text available: Pdf (585.42 KB)   Additional Information: full citation, abstrac

   Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 14, Downloa

        ERIC7 is a software test-bed that implements Content-Based Image Ret
        MPEG-7 multimedia standard. In its current version, the system allows
        up to 15 color, texture and shape descriptors ...

16 A Stochastic Downhill Search Algorithm for Estimating the Local Fals
   Stefanie Scheid, Rainer Spang
   July 2004   **IEEE/ACM Transactions on Computational Biology and B**
                   3
   Publisher: IEEE Computer Society Press
   Full text available: Pdf (974.87 KB)   Additional Information: full citation, abstrac

   Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 36, Downloa

        Screening for differential gene expression in microarray studies leads to
        problems. The local false discovery rate is a statistical concept for quan
        In this paper, we introduce ...

        Keywords: Index Terms- Local false discovery rates, stochastic search
        biology and genetics.

17 Co-EM support vector learning
   Ulf Brefeld, Tobias Scheffer
   July 2004   **ICML '04:** Proceedings of the twenty-first international confere
   Publisher: ACM
   Full text available: Pdf (315.92 KB)   Additional Information: full citation, abstrac

Multi-view algorithms, such as co-training and co-EM, utilize unlabeled (
be split into independent and compatible subsets. Co-EM outperforms co
requires the underlying learner to ...

18 Distributed simulation with COTS simulation packages: a case study
simulation
Navonil Mustafee, Simon J. E. Taylor, Korina Katsaliaki, Sally Brailsford
December 2006 **WSC '06:** Proceedings of the 38th conference on Winter Sim
Publisher: Winter Simulation Conference
Full text available: [] Pdf (279.61 KB)   Additional Information: full citation, abstrac

The UK National Blood Service (NBS) is a public funded body that is res
associated products. A discrete-event simulation of the NBS supply chai
built using the commercial off-the-shelf ...

19 A generic serializer for mobile devices
Mattia Monga, Angelo Scotto
March 2005 **SAC '05:** Proceedings of the 2005 ACM symposium on Applied
Publisher: ACM Request Permissions
Full text available: [] Pdf (129.17 KB)   Additional Information: full citation, abstrac

In this paper we describe a serializer component completely realized in
stripped versions of the .NET platform (e.g., COMPACT FRAMEWORK) ar
on .NET or other CLI compatible frameworks. ...

Keywords: .NET, mobile devices, serialization

20 Generating symmetric DFTs and equivariant FFT algorithms
Jeremy Johnson, Xu Xu
July 2007   **ISSAC '07:** Proceedings of the 2007 international symposium
computation
Publisher: ACM Request Permissions
Full text available: [] Pdf (257.52 KB)   Additional Information: full citation, abstrac

This paper presents a code generator which produces efficient implemer
Fourier transform (FFT) algorithms which utilize symmetries in the input
the number of arithmetic operations. The ...

Keywords: code generation, fast Fourier transform, group symmetries,
dimensional discrete fourier transform